Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1.   (Previously Presented)   A method for transmitting electronic data comprising:

preprocessing the data, at a sender's side, into N types of packets by virtue of combining every N-th bit into one type of the N types of packets, where N is an integer greater than or equal to two; and

sending the N types of packets to a receiver independently of one another, with physical, spectral, and temporal separation via N networks.

2.   (Previously Presented) The method as claimed in claim 1, characterized in that the sender preprocesses the data into two types of packets (4u, 4g) which are sent to the receiver independently of one another, separated via two networks (5u, 5g) with time-shifted transmission.

3.   (Previously Presented) The method as claimed in claim 2, characterized in that the two types of packets (4u, 4g) are sent via the two separate networks (5u, 5g) containing no common nodes.

4.   (Previously Presented) The method as claimed in claim 2, characterized in that bits with even-numbered bit positions in an original bit sequence of an original message are combined into one type of packet and bits with odd-numbered bit positions are combined into another type of packet.

5.   (Currently Amended) The method as claimed in claim 2, characterized in that the electronic data is sent via a sender terminal connected to the two networks, the sender terminal ~~device~~ having <u>two identities , one identity for each of the two networks</u> ~~an individual identity associated with each of the two networks~~.

6.   (Currently Amended) The method as claimed in claim 5, characterized in that the receiver includes <u>two</u> corresponding ~~individual~~ identities ~~associated with each of the two networks, each identity~~ <u>independently</u> connecting the sender terminal ~~device~~ and the receiver to ~~a respective one of~~ the two networks.

7.   (Previously Presented) The method as claimed in claim 1, characterized in that devices which are responsible for forwarding packets in a respective network are each connected to only one network.

8.   (Previously Presented) The method as claimed in claim 2, characterized in that the two types of packets can be assembled at the receiver into an original message according to a message identification transmitted within a last packet of at least one of the two types of packets.

9.   (Previously Presented) The method as claimed in claim 2, characterized in that the temporal separation comprises a time shift between transmissions in the two networks produced by the different paths taken for each of the two types of packets.

10.   (Currently Amended) The method as claimed in claim 1, characterized in that the transmission in <u>the</u> N networks takes place over wires and/or wirelessly.

11.   (Previously Presented) A method for transmitting electronic data comprising:

preprocessing the data into at least two types of packets; and

sending the at least two types of packets to a receiver via at least two separate networks, the at least two types of packets separated physically, spectrally and temporally during transmission of the electronic data.

12.   (Currently Amended) The method of claim 11, wherein preprocessing the data into at least two types of packets <u>comprises:</u>

preprocessing the data into N types of packets by virtue of ~~includes~~ combining every Nth bit into one type of the ~~at least two~~ N types of packets, where N is a whole number greater than or equal to two.

13.   (Currently Amended) The method of claim 12, wherein the at least two separate networks exist independently of one another and contain zero common nodes other than the sender and the receiver.

14.   (Currently Amended) The method of claim 13, wherein the at least two types of packets ~~comprises~~ comprise a first type of packets and a second type of packets, the first type of packets including odd bits of the electronic data and the second type of packets including even bits of the electronic data, the at least two networks including a first network and a second network, the first type of packets being sent on the first network and the second type of packets being sent on the second network.

15.   (Currently Amended) A communication system for transmitting electronic data, the system comprising:
        a sending terminal for separating the electronic data into multiple packet types and sending the electronic data to a receiving terminal via a plurality of separate and independent networks, each network associated with one of the multiple packet types[[,]];
        wherein the electronic data is sent with physical, spectral and temporal separation.

16.   (Currently Amended) The system of claim 15, wherein the multiple packet types ~~comprises~~ comprise a first packet type and a second packet type, the plurality of separate and independent networks including a first network and a second network, wherein packets of the first packet type are sent on the first network and packets of the second type are sent on the second network.

17.   (Previously Presented) The system of claim 16, wherein bits of the electronic data having odd-numbered bit positions are combined into the first packet type and bits having even-numbered bit positions are combined into the second packet type.